

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---------------------------------|------------------|---------|---------------------|
| S1 | 1 | "10580900" | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/04 18:06 |
| S2 | 1 | "4836697".pn. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 14:17 |
| S3 | 47 | printhead with platen support slid\$4 with frame (driv\$4 or motor) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 14:25 |
| S4 | 73 | height near3 (adjust\$4 or chang\$4 or alter\$4 or manipulat\$4) near3 (printhead or (print near2 head)) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 15:16 |
| S5 | 25 | height near3 (adjust\$4 or chang\$4 or alter\$4 or manipulat\$4) near3 (printhead or (print near2 head)) platen | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 15:17 |
| S6 | 19 | height near3 (adjust\$4 or chang\$4 or alter\$4 or manipulat\$4) near3 (printhead or (print near2 head)) platen (drive or motor) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 15:17 |
| S7 | 647 | position near3 (adjust\$4 or chang\$4 or alter\$4 or manipulat\$4) near3 (printhead or (print near2 head)) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 15:19 |
| S8 | 242 | position near3 (adjust\$4 or chang\$4 or alter\$4 or manipulat\$4) near3 (printhead or (print near2 head)) platen (drive or motor) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 15:19 |
| S9 | 425 | 400/120.16 | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 16:22 |
| S10 | 76 | 400/120.17.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 16:22 |

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|-----|--------|--|---------------------------------|-----|----|---------------------|
| S11 | 262 | 400/120.16.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 16:22 |
| S12 | 497 | 347/197.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 16:23 |
| S13 | 135 | 347/198.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 16:23 |
| S14 | 103680 | bias near3 spring | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 16:23 |
| S15 | 311 | float\$4 near2 (printhead or (print near1 head)) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 16:23 |
| S16 | 28974 | RFid | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 16:24 |
| S17 | 145 | (S11 or S12 or S13 or S10) platen slid\$4 (printhead or (print near1 head)) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 16:37 |
| S18 | 3770 | information near3 stor\$4 near3 (paper or substrate or (print\$4 near2 material)) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 17:41 |
| S19 | 61 | information near3 stor\$4 near3 (paper or substrate or (print\$4 near2 material)) (printhead or (print near1 head)) with platen | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 17:47 |
| S20 | 3035 | RFid with (paper or substrate or (print\$4 near2 media)) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 18:36 |
| S21 | 101 | RFid with (paper or substrate or (print\$4 near2 media)) platen ((print near2 head) or printhead) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 18:36 |
| S22 | 507 | 400/55.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 18:42 |
| S23 | 18 | 400/60.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 18:42 |
| S24 | 222 | 400/58.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 18:42 |

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| S25 | 360 | 400/59.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 18:42 |
| S26 | 310 | RFid ("400".clas. or "347". clas.) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 18:43 |
| S27 | 1 | "20020006303" | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 18:47 |
| S28 | 1 | "6380965".pn. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 18:47 |
| S29 | 157 | (S11 or S12 or S13 or S10) (compress\$4 or spring) with frame | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 19:34 |
| S30 | 144 | (S22 or S23 or S24 or S25) platen slid\$4 (printhead or (print near1 head)) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/05 20:34 |
| S31 | 1 | "6095701".pn. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/06 20:12 |
| S32 | 1 | "5366302".pn. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/06 20:18 |
| S33 | 1 | "5694159".pn. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/06 20:19 |
| S34 | 2 | "03101986" | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/10 15:05 |
| S35 | 505 | (support\$4 or frame\$4) with (spring\$4 or compress \$4) with (platen near1 roll \$4) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/10 15:50 |
| S36 | 2972 | (support\$4 or frame\$4) with (spring\$4 or compress \$4) with (platen) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/10 15:50 |
| S37 | 323 | S35 thermal near3 print\$4 | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/10 15:51 |
| S38 | 176 | S35 thermal near3 print\$4 "400".clas. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/10 15:51 |

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| S39 | 5 | ((adjust\$4 with pressure) or (vertical or linear) near3 (direction)) with (print near3 head or printhead) platen information near3 (material or substrate or paper) near3 (store\$4) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2008/11/10 16:06 |
| S40 | 9 | ("20020080223" "20060228148" "4944621" "5172137" "5366302" "5657066" "5694159" "6095701" "6480216").PN. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/06 20:46 |
| S41 | 2 | ("2002/0080223").URF.N. | USPAT | AND | ON | 2009/05/06 20:55 |
| S45 | 0 | "09746051" | US-PGPUB; USPAT; USOCR; FPRS | AND | ON | 2009/05/06 20:56 |
| S46 | 2 | "09/746051" | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/06 20:57 |
| S47 | 5 | ("5379056" "5448281" "5594487" "5678938" "5735617").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2009/05/06 20:57 |
| S48 | 566 | "400".clas. printhead with platen | US-PGPUB; USPAT; USOCR | AND | ON | 2009/05/06 21:00 |
| S49 | 1 | "11498342" | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/07 16:01 |
| S50 | 5 | "6435091" | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/07 16:02 |
| S51 | 2 | "11332196" | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/07 16:31 |
| S52 | 0 | position\$4 near2 printhead with (data or information) with (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:00 |
| S53 | 49 | position\$4 near2 printhead with (data or information) (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:00 |

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| S54 | 100 | (mov\$4 or driv\$4 or plac\$4 or position\$4) near2 printhead with (data or information) (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:01 |
| S55 | 227 | (mov\$4 or driv\$4 or plac\$4 or position\$4) near2 printhead (data or information) near4 (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:11 |
| S56 | 0 | (vertical or upward or height\$4) near4 (mov\$4 or driv\$4 or plac\$4 or position\$4) near2 printhead (data or information) near4 (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:12 |
| S57 | 1 | (mov\$4 or driv\$4 or plac\$4 or position\$4) near2 printhead same (data or information) near4 (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:12 |
| S58 | 2 | (data or information) near4 (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web) with (control\$4 or mov\$4) near2 printhead | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:14 |
| S59 | 4 | (data or information) near4 (tag or chip or barcode or RFID) near2 (substrate or paper or medium or web) with (control\$4 or mov\$4) near2 (printhead or head or jet or nozzle) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:14 |
| S60 | 309 | (tag or chip or barcode or RFID) near2 control\$4 near2 (printhead or jet or nozzle) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:35 |

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| S61 | 230 | (tag or chip or barcode or RFID) near2 control\$4 near2 (printhead or jet or nozzle) ("101".clas. or "400".clas. or "347".clas.) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:35 |
| S62 | 2 | (web or paper or medium or substrate) near2 (tag or chip or barcode or RFID) near2 control\$4 near2 (printhead or jet or nozzle) ("101".clas. or "400".clas. or "347".clas.) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:36 |
| S63 | 2 | (web or paper or medium or substrate or media) near2 (tag or chip or barcode or RFID) near2 control\$4 near2 (printhead or jet or nozzle) ("101".clas. or "400".clas. or "347".clas.) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/08 20:36 |
| S64 | 12426 | (RFID or tag or chip or barcode) with (thickness or width or type) near3 (substrate or web or media or medium or paper) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/09 16:30 |
| S65 | 6181 | (RFID or tag or chip or barcode) with (thickness or width or type) near3 (substrate or web or media or medium or paper) print\$4 | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/09 16:31 |
| S66 | 920 | (RFID or tag or chip or barcode) with (thickness or width or type) near3 (substrate or web or media or medium or paper) ("101".clas. or "347".clas. or "400".clas.) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/09 16:31 |
| S67 | 671 | (RFID or tag or chip or barcode) near5 (thickness or width or type) near3 (substrate or web or media or medium or paper) ("101".clas. or "347".clas. or "400".clas.) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/09 16:34 |

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| S68 | 563 | (nozzle or jet or printhead or head) with (height or position or level) (RFID or tag or chip or barcode) near5 (thickness or width or type) near3 (substrate or web or media or medium or paper) ("101".clas. or "347".clas. or "400".clas.) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/09 16:35 |
| S69 | 14 | (nozzle or jet or printhead or head) with (height or position or level) same (RFID or tag or chip or barcode) near5 (thickness or width or type) near3 (substrate or web or media or medium or paper) ("101".clas. or "347".clas. or "400".clas.) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/09 16:36 |
| S70 | 44 | (barcode or tag or RFID) near2 identify\$4 with (type or thickness or height) near2 (paper or substrate or web or media) print\$4 | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/09 17:02 |
| S71 | 2 | type near2 (substrate or web or paper) with thickness near2 (substrate or web or paper) with look near2 up near2 table | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2009/05/09 18:26 |
| S72 | 10 | (US-20060228148-\$ or US-20020080223-\$).did. or (US-4944621-\$ or US-5657066-\$ or US-5172137-\$ or US-6480216-\$ or US-6095701-\$ or US-5366302-\$ or US-5694159-\$).did. or (JP-03101986-\$).did. | US-PGPUB; USPAT; JPO | AND | ON | 2009/05/09 18:36 |
| S73 | 79 | 400/120.17.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2010/01/15 14:13 |
| S74 | 31 | 400/27.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2010/01/15 14:14 |
| S75 | 509 | 400/55.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2010/01/15 14:15 |
| S76 | 366 | 400/59.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2010/01/15 14:15 |

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| S77 | 14 | ("20020080223" "20060228148" "20070136208" "20080094463" "4944621" "5172137" "5366302" "5398049" "5657066" "5694159" "6095701" "6106166" "6409401" "6480216"). PN. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2010/01/15 14:19 |
| S78 | 6417 | (spring or compress\$4) same (platen or plate) "400".clas. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2010/01/15 14:29 |
| S79 | 1754 | (spring or compress\$4) same (platen or plate) (drive\$4 or adjust\$4 or mov\$4) with (print near2 head or printhead) "400". clas. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2010/01/15 14:30 |
| S80 | 278 | (spring or compress\$4) same (platen or plate) (drive\$4 or adjust\$4 or mov\$4) with (print near2 head or printhead) (400/23-49.ccls. or 400/55- 60.ccls. or 400/120.17. ccls.) | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2010/01/15 14:36 |
| S81 | 402 | (spring or compress\$4) near4 support\$4 near4 plate\$1 "400".clas. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2010/01/15 14:48 |
| S82 | 27 | "4836697" | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2010/01/15 14:49 |
| S83 | 1 | "4836697".pn. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2010/01/15 14:49 |
| S84 | 223 | 400/58.ccls. | US-PGPUB; USPAT; EPO; JPO | AND | ON | 2010/01/15 14:59 |
| S85 | 5 | ("5172137" "5499876" "5879091" "5918990" "6155731").PN. | US-PGPUB; USPAT; USOCR | AND | ON | 2010/01/15 15:38 |
| S86 | 1 | "20020110395" | US-PGPUB; USPAT; USOCR | AND | ON | 2010/01/15 16:06 |
| S87 | 6 | "400".clas. look near2 up with thickness | US-PGPUB; USPAT; USOCR | AND | ON | 2010/01/16 15:43 |

EAST Search History (Interference)

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1/ 17/ 2010 5:25:27 PM

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